TEW Receipt

BRINKS CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8 CERTIFICATE OF INALITYS OFFECTOR OF OF INALITYS OFFET OFF HOFER GILSON 1 Date: December 6, 2005 Name: Tadashi Horie Reg. No. 40,437 Signature: &LIONE IN THE UNITED STATES PATENT AND TRADEMARK OFFICE În re Appln. of: Masaaki FUKUMOTO Toshiaki SUGIMURA Examiner: To Be Assigned Appln. No.: 10/521,601 Art Unit: 2153 371(c) Date: July 29, 2005 COMMUNICATIONS UNIT, COMMUNICATIONS For: APPARATUS, MANAGEMENT APPARATUS, COMMUNICATIONS SYSTEM, AND ELECTRIC FIELD COMMUNICATIONS APPARATUS 9683/228 Attorney Docket No: Commissioner for Patents P. O. Box 1450 TRANSMITTAL Alexandria, VA 22313-1450 Sir: Attached is/are: Request for Correction of Filing Receipt (in dup.), Copy of Filing Receipt dated November 14, 2005, Copy of Response to Notification of Missing Requirements, Copy of Request for Correction of Notification, Copy of Notification dated June 9, 2005, Copy of Transmittal submitted January 18, 2005, Copy of Returned Receipt Postcard Return Receipt Postcard Fee calculation: No additional fee is required.  $\boxtimes$ Small Entity. An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a). A surcharge in an amount of \$ under 37 C.F.R. § 1.492( An additional filing fee has been calculated as shown below:  $\Box$ Small Entity Not a Small Entity Present Claims Remaining Highest No. Previously Paid For Extra After Amendment Add'l Fee Rate Add'I Fee Rate x \$25= x \$50= Total Minus x 100= x \$200= Indep. Minus +\$180= + \$360= First Presentation of Multiple Dep. Claim

Fee payment:

A check in the amount of \$\_\_\_\_ is enclosed.

Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.

Payment by credit card in the amount of \$\_\_\_\_. (Form PTO-2038 is attached).

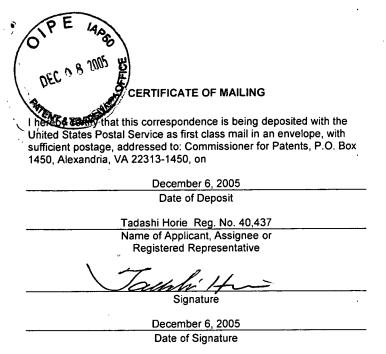
The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16

and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit

Respectfully submitted,

December 6, 2005	Janoh 1ti
Date	 Tadashi Horie (Reg. No. 40.437)

Account No. 23-1925.



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: To Be Assigned

Art Unit: 2153

In re Appln. of: Masaaki FUKUMOTO

Toshiaki SUGIMURA

Appln. No.: 10/521,601

371(c) Date: July 29, 2005

For: COMMUNICATION

COMMUNICATIONS UNIT, COMMUNICATIONS

FACILITY, MANAGEMENT DEVICE,

COMMUNICATION SYSTEM, AND ELECTRIC

FIELD COMMUNICATION DEVICE

Attorney Docket No: 9683/228

### REQUEST FOR CORRECTION OF FILING RECEIPT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attention:

**Application Processing Division** 

**Customer Correction Branch** 

Sir:

Applicants request the issuance of a corrected filing receipt (copy of Filing Receipt dated November 14, 2005 is enclosed) for the above-referenced patent application, and in support of this request respectfully states:

Applicants' status was incorrectly recorded as small entity; please delete

\*\*SMALL ENTITY\*\* printed above title. The following items verifying

Applicant's correct status are enclosed.

- 1. Response to Notification of Missing Requirements
- 2. Request for Correction of Notification of Missing Requirements.
- 3. Copy of Notification dated June 9, 2005.
- 4. Copy of Transmittal submitted January 18, 2005 with application.
- 5. Copy of Returned Receipt Postcard.

The Commissioner is hereby authorized to charge any fees required to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Tadashi Horie

Registration No. 40,437

Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE P.O. Box 10395 Chicago, IL 60610 (312) 321-4200

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 6, 2005

Date of Deposit

Tadashi Horie Reg. No. 40,437

Name of Applicant, Assignee or
Registered Representative

Signature

December 6, 2005

**Date of Signature** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: To Be Assigned

Art Unit: 2153

In re Appln. of: Masaaki FUKUMOTO

Toshiaki SUGIMURA

Appln. No.:

10/521,601

371(c) Date:

July 29, 2005

For:

COMMUNICATIONS UNIT, COMMUNICATIONS

FACILITY, MANAGEMENT DEVICE,

COMMUNICATION SYSTEM, AND ELECTRIC

FIELD COMMUNICATION DEVICE

Attorney Docket No: 9683/228

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Respectfully submitted,

Tadashi Horie

Registration No. 40,437 Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE P.O. Box 10395 Chicago, IL 60610 (312) 321-4200



PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Sox 1450 Alexandra, Virginia 22313-1450 www.unpto.gov

	APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
_	10/521,601	07/29/2005	2153	1510	9683/228	25	22	2

**CONFIRMATION NO. 2770** 

Brinks Hofer Gilson & Lione

P O Box 10395 Chicago, IL 60610

OC000000017431024\*

Date Mailed: 11/14/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

### Applicant(s)

Masaaki Fukumoto, Yokohama-shi, JAPAN; Toshiaki Sugimura, Yokohama-shi, JAPAN;

### Power of Attorney:

John Rauch-37218 Tadashi Horie--40437

### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/09082 07/17/2003

### Foreign Applications

JAPAN 2002-210051 07/18/2002

Projected Publication Date: 02/16/2006

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\* < please delete

Title

Communications unit, communications facility, management device, communication system, and electric field communication device

### **Preliminary Class**

709

### PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

# LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR

1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

DEC. A 2005 CERTIFICATE OF MAILING



Attention: Manager, Application Branch

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 27, 2005

Date of Deposit

Tadashi Horie Reg. No. 40,437
Name of Applicant, Assignee or
Registered Representative

Signature

July 27, 2005

Date of Signature

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of:

Masaaki FUKUMOTO

Toshiaki SUGIMURA

U.S. Appln. No.:

10/521,601

Int'i Appln. No.

PCT/JP03/09082

Int'l Filing Date:

July 17, 2003

For:

COMMUNICATIONS UNIT, COMMUNICATIONS EQUIPMENT, MANAGEMENT EQUIPMENT, COMMUNICATIONS SYSTEM AND ELECTRIC FIELD COMMUNICATIONS APPARATUS

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attorney Docket No: 9683/228

Attn.: Mail Stop Missing Parts

Dear Sir:

In accordance with the Notification of Missing Requirements under 35 U.S.C. 371 dated <u>June 9, 2005</u>, a copy of which is attached, enclosed herewith for filing are the following documents:

		Fully executed Declaration for Patent Application and Power of Attorney for the above-referenced patent application.				
	$\boxtimes$	Applicant:				
•		claims small entity status. See 37 CFR1.27.				
	<u>\</u>	is other than small entity				
	$\boxtimes$	A check in the amount of \$1060 for:				
		Filing Fee of \$				
		Surcharge of \$260.				
		Additional Claim Fees of \$100.				
		Search Fee of \$500.				
		Examination Fee of \$200.				
	Application Size Fee (for each additional 50 sheets that excees sheets, including specification and drawings) of \$					
		Petition for Extension of Time (37 C.F.R. § 1.136(a)) to file missing parts (in duplicate).				
	Other: 63 Pages of Translation of Application (including title page) Sheets of Drawings.					
		The Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.				
		Respectfully submitted,				
	Date:	July 27, 2005  Tadashi Horie				
	P.O. E	Registration No. 40,437 Attorney for Applicant(s)  KS HOFER GILSON & LIONE Box 10395 go, IL 60610 321-4200				

DEC 0 8 7000 CERTIFICATE OF MAILING

COPY

Attention: Manager, Application Branch

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 27, 2005

Date of Deposit

Tadashi Horie Reg. No. 40,437

Name of Applicant, Assignee or Registered Representative

Signature

July 27, 2005

Date of Signature

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of:

Masaaki FUKUMOTO

Toshiaki SUGIMURA

U.S. Appln. No.:

10/521,601

Int'l Appln. No.

PCT/JP03/09082

Int'l Filing Date:

July 17, 2003

For:

COMMUNICATIONS UNIT, COMMUNICATIONS EQUIPMENT, MANAGEMENT EQUIPMENT, COMMUNICATIONS SYSTEM AND ELECTRIC

FIELD COMMUNICATIONS APPARATUS

Attorney Docket No:

9683/228

### REQUEST FOR CORRECTION OF NOTIFICATION OF MISSING REQUIREMENTS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants request a correction to the Notification of Missing Requirements (copy of Notification dated June 9, 2005 is enclosed) for the above-referenced patent application, and in support of this request respectfully states:

It is listed that Applicants filed Small Entity Statement on 01/18/2005.

However, Applicants never indicated their status as a small entity; thus request a correction to the notification. A copy of the transmittal and Returned Receipt Postcard verifying Applicants' statement above is enclosed.

The Commissioner is hereby authorized to charge any fees required to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: July 27, 2005

Tadashi Horie

Registration No. 40,437 Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE P.O. Box 10395 Chicago, IL 60610 (312) 321-4200





UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PO. Ber 1450

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/521,601

Masaaki Fukumoto

9683/228

INTERNATIONAL APPLICATION NO.

PCT/JP03/09082

LA. FILING DATE

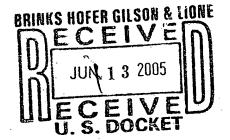
. FILING DATE

PRIORITY DATE

07/17/2003

07/18/2002

Brinks Hofer Gilson & Lione P O Box 10395 Chicago, IL 60610



CONFIRMATION NO. 2770
371 FORMALITIES LETTER
\*OC00000016228977\*

Date Mailed: 06/09/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/18/2005
- Copy of the International Search Report filed on 01/18/2005
- Small Entity Statement filed on 01/18/2005
- Request for Immediate Examination filed on 01/18/2005
- U.S. Basic National Fees filed on 01/18/2005
- Priority Documents filed on 01/18/2005

Please delete

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(f)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$65 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

- Large Entity.

Total additional fees required for this application is \$195 for a Small Entity:

- \$65 Late oath or declaration Surcharge.
- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

### LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/521,601	РСТ/JР03/09082	9683/228

FORM PCT/DO/EO/905 (371 Formalities Notice)



"Express Mail" mailing label number EV 325988685 US Date of Deposit January 18, 2005

PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007. OMB 0657-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control to a collection.

Under the Paneauck Reduction Act of 1995, no necessary are required to se

	TI				TO THE UNITED STATES	ATTORNEY'S DOCKET NO.	
		DESIG	NATED	D/ELECTE	ED OFFICE (DO/EO/US)	9683/228	
	CO				SION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	
			1001104	=:0::110	T	To Be Assigned	
		IATIONAL 2003/0090	. APPLICA 082	TION NO.	INTERNATIONAL FILING DATE July 17, 2003	PRIORITY DATE CLAIMED July 18, 2002	
TIT	LE O	F INVENT	TION	COMMUNICA			
FIE	LDC	OMMUNIC	CATIONS	APPARATUS		PARATUS, COMMUNICATIONS SYSTEM, AND ELECTRIC	
			OR DO/EO	D/US niaki SUGIMUF	RΔ		
						S) the following items and other information:	
1.	$\boxtimes$	This is a	ı FIRST su	ubmission of it	tems concerning a filing under 35 U.S.C. 371	1	
2.		This is a	SECOND	or SUBSEQ	UENT submission of items concerning a filin	ng under 35 U.S.C. 371	
3.	(21)	This exp ) indicated	ress reque f below.	est to begin na	ational examination procedures (35 U.S.C.	371(f)). The submission must include items (5), (6), (9), and	
4.		The US	has been o	elected (Article	e 31).		
5.	$\boxtimes$	А сору с	of the Inter	national Appli	ication as filed (35 U.S.C. 371(c)(2)).		
		a.	$\Box$	is transmitte	ed herewith (required only if not transmitted l	by the International Bureau).	
		b.	Ø	has been tr	ansmitted by the International Bureau.		
		C.		is not requir	red, as the application was filed in the United	d States Receiving Office (RO/US).	
6.		An Engli	sh translat	tion of the Inte	emational Application into English (35 U.S.C	;. 371(c)(2)).	
		a.		is attached !	hereto.		
		b.		has been pr	reviously submitted under 35 U.S.C. 154(d)(	(4).	
7.	$\boxtimes$	Amendm	nents to the	e claims of the	e International Application under PCT Article	e 19 (35 U.S.C. 371(c)(3)).	
		a.		are transmit	tted herewith (required only if not transmitted	d by the International Bureau).	
		b.		have been t	transmitted by the International Bureau.		
		C.		have not be	en made; however, the time limit for making	such amendments has NOT expired.	
		d.	⋈	have not be	en made and will not be made.		
8.		An Englis	sh translati	ion of the ame	endments to the claims under PCT Article 19	9 (35 U.S.C. 371(c)(3)).	
9.	$\boxtimes$	Unexecu	ited combin	ned declaration	on and power of attorney of the inventor(s) (	35 U.S.C. 371(c)(4)).	
10.							
Item	ıs 11	to 20 Bel	low conce	ern other doc	cument(s) or information included:		
11.		An Inform	nation Disc	closure Stater	ment under 37 CFR 1.97 and 1.98.		
12.		An assign	nment doc	zument for rec	cording. A separate cover sheet in compliance	ce with 37 CFR 3.28 and 3.31 is included.	
13.		A prelimi	inary amen	ndment.		İ	
14.		An Applic	cation Data	a Sheet under	r 37 CFR 1.76.	•	
15.		A substitu	ute specific	cation.		!	
16.		A power	of attomey	y and/or chan	ge of address letter.	. 1	
<b>17</b> .		A comput	ter-readab	ole form of the	sequence listing in accordance with PCT R	tule 13ter.2 and 37 CFR 1.821-1.825.	
18.		A second	d copy of th	ne published i	international application under 35 U.S.C. 154	4(d)(4).	
19.		A second	I copy of th	ne English lan	nguage translation of the international applica	ation under 35 U.S.C. 154(d)(4).	
20.	_			mation: Retu			
Con	w of	חמוםוודים	14 and PCT	T/ID/200			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 12 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	O' LOATION	1110 (16)	07.0 5.D. 4.50\	T		r=	<del></del>
				INTERNATIONAL AF PCT/JP2003/009082		ATTORNEY'S DOCKET NO. 9683/228	
21. 🛛	The follo	owing fees	are submitted:			CALCULATIONS	PTO USE ONLY
🛛 🖾 a) Ba	asic national	fee			\$300.00		L
📙 b) Ex	xamination fe	e	***************************************		\$200.00		
LL C) Se	earch Fee	••••••	•••••••••••••••••••••••••••••••••••••••		\$500.00		
C7 4422			ABOVE CALCULATIONS		\$		
Drogram li	ional tee tot : isting filed in	specification	ce listing or computer				
program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date						\$300	
Suicharge of \$130.00 for furnishing the oath or declaration later than   30 months from the earliest claimed priority date   (37 CFR 1.492(e)).							
	Claims		Number Filed	Number Extra	Rate		
Total Clair	ms		- 20 =	0	x \$ 50.00	\$0.00	
	ent Claims		- 3 =		x \$ 200.00	\$0.00	
Multiple de	ependent cla	im(s) if Appli	cable)		+\$360.00	\$0.00	
				TOTAL OF	ABOVE CALCUATIONS =	\$	
L Applic	icant claims s	small entity st	tatus. See 37 CFR 1.27. The fees in	ndicated above are reduce	d by ½.		
D					SUBTOTAL =	\$	
Processing	g tee of \$13 te (37 CFR 1	80.00 for furr	nishing the English translation later	than the 30 months	from the earliest claimed		
priority dat	te (37 CFK )	.492(1)).			TOTAL MATIONAL SEE	\$	
Fee fo	or recording t	he enclosed :	assignment (37 CFR 1.21(h)). The a	ecianment must be accom	TOTAL NATIONAL FEE=	\$	
	or recording t	no cholosca	assignment (5) OFK 1.21(II)). The a	er sheet (37 CFR 3.28, 3.3	thanied by an appropriate		
					TAL FEES ENCLOSED=	\$300	
						Amount to be refunded	\$
			1 2110 211 10 20 10 10 10 10 10				
						charged	\$
a.	Ø	A check in	the amount of \$300 to cover the abo	ve fees is enclosed.		charged	\$
a. b.					to cover the above fees. A		
b.		Please cha	rge my Deposit Account No. 23-1925	5 in the amount of \$		duplicate copy of this sheet	is enclosed.
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b.		Please cha The Comm No. 23-192 Fees are to	rge my Deposit Account No. 23-1929  issioner is hereby authorized to compare to the second of this sheet is expression to a credit card. WARI	5 in the amount of \$  charge any additional fee enclosed.  NING: Information on this	s which may be required	duplicate copy of this sheet i	is enclosed. ent to Deposit Account
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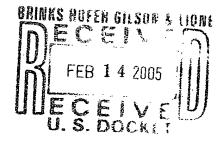
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